PATENT COOPERATION TREATY

rom the NTERNATIONAL S	EARCHING AUTH	ORITY			
To: ANTHONY M. INSOGNA			PCT		
JONES DAY	56141				
222 EAST 41ST ST	REET		WR	ITTEN OPINION OF THE	
NEW YORK, NY 10017			INTERNATIONAL SEARCHING AUTHORITY		
				(PCT Rule 43bis.1)	
			Date of mailing (day/month/year)	09 AUG 2005	
Applicant's or agent's file reference			FOR FURTHER ACTION See paragraph 2 below		
9516-186-228				See paragraph 2 octow	
International application No.		International filing date (day/month/year)		Priority date (day/month/year)	
		04 November 2004 (04.11.2004)		06 November 2003 (06.11.2003)	
PCT/US04/37084 04 November 20 International Patent Classification (IPC) or both national classification (IPC)		or both national classificati	on and IPC		
				251 283 241	
	35, 31/52, 31/522, 3	8/19, 48/00 and US Cl.: 51	4/234.2, 203.37, 417	, 251, 263, 241	
Applicant					
CEL GENE CORPO	RATION				
1. This opinion co	ntains indications re	lating to the following item	s:		
Box No. I Basis of the opinion					
Box No. II Priority					
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack of unity of invention					
Box No.	Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Box No.	VI Certain do	Certain documents cited			
Box No. VII Certain defects in the international application					
Box No. VIII Certain observations on the international application					
2. FURTHER A	CTION				
International P	reliminary Examini	ng Authority ("IPEA") ex	cept that this does IPEA has notified th	be considered to be a written opinion of the not apply where the applicant chooses a le International Bureau under Rule 66.1bis(bered.	
IPEA a written of Form PCT/IS	renly together, whe	re appropriate, with amend expiration of 22 months fr	ments, before the ex	PEA, the applicant is invited to submit to the piration of 3 months from the date of mailin whichever expires later.	
	·				
3. For further deta	ils, see notes to For	m PCT/ISA/220.			
		70	Authorized office		
Name and mailing address of the ISA/US			Addionized online	Im I I Show !	
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US04/37084

	Box No. 1 Basis of this opinion
	With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
	2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
	a. type of material
	a sequence listing
	table(s) related to the sequence listing
	b. format of material
	in written format
	in computer readable form
	c. time of filing/furnishing
	contained in international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
C	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
	4. Additional comments:

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/37084

2. Citations and explanations:

Claims 1-29 lack an inventive step under PCT Article 33(3) as being obvious over Buschmann et al(WO99/17798) in view of Boloor et al(US2004/0242578), Muller et al(US2003/0187052), Stein et al(US2004/0067953) and Collingwood et al(US6589950).

WO'798 is relateed to a methods for treating mesothelioma using JNK inhibitors, see claims 14 and 21.

US'052(Muller et al) and US'950(Collingwood et al) teaches a compound having general structure encompaseed by the claims 2, 5-11 wherein the patented compound is used for treating bronchogenic carcinoma and asbestosis, respectively, see US'052(paragraph 50 and figure 1 and claims) and US'950(col. column 29, compounds 141-148 and col. 13, line 54).

US '578(Boloor et al) is related to a mehtod for treating peural effusion using the compound having a general structure embraced by the claims 3 and 12-20, paragraphs 3 and 9-51 at pages 1-2.

US'953(Stein et al) teaches a JNK inhibitor compound having general structure embraced by the claims 4 and 21-29, and its use in the treatment of chest cancer and further teaches combination with second active agents such as IMiD or SelCid, see figures and paragraphs 1-10 and 550-553.

In light of specification(at page 1), the diseases and contions associated with asbestos include pleural effusion, pleural thickening, asbestosis, bronchogenic carcinoma, mesothelioma. Thus, these references are taken together, the claimed invention lack inventive step and onvious over the prior art of the record.

Claims 1-29 meet the criteria set out in PCT Article 33(4), and thus the claimed invention has industrial applicability because the subject matter claimed can be made or used in industry.

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